## EAST Search History

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	(("4846995") or ("3092512") or ("4846995") or ("3092512")).PN.	US-PGPUB; USPAT	OR	OFF	2008/02/05 12:38
S4	1	WO-200134388-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 12:39
S5	6	(("0486995") or ("6384100") or ("3092512") or ("4846994") or ("5635554")).PN.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2008/02/05 13:03
S7	51654	(graft WITH (polymer OR co \$1polymer))	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/06 07:10
S8	531125	(surfactant OR (surface WITH (acting OR active) WITH agent) OR emulsifier OR detergent OR (wetting WITH agent))	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/06 07:12
S9	509618	[()photo OR light OR radiation OR UV OR IR) NEARS ((cure OR UV OR IR) NEARS ((cure OR UV OR IR) NEARS ((cure OR Hardening)) OR (irradiated OR irradiating) OR (irradiating OR irradiation) OR ((photo\$ toure OR photo\$ toure OR photo\$ toure OR photo\$ toure OR product) or toure OR photo\$ toure OR product) or toure OR Irradiation \$ toure OR light \$ t	US PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/06 07:15
S10	141011	(("type II" OR "type 2") WITH (photo\$1intilator OR initiator) OR (photo\$1intilator OR initiator) OR (photo\$1intilator) OR (benzophenone OR (diaryl WITH ketone) OR aranthone OR thioxanthone OR acridone OR anthraquinone OR diketone OR 2-\$1ketocoumarin OR imide)	US PCPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/06 07:24

S11	1116348	(polyalkylene NEAR4 oxide) OR (polyalkylene NEAR4 glycol) OR ((polyalkylene NEAR4 glycol) OR (("meth) acrylamide" OR acrylamide) OR ((("meth) acrylic" ADJ acid) OR (acrylic ADJ acid)) WITH (ester OR salti) OR (polyvinyl ADJ acotate) OR (polyvinyl ADJ acotate) OR (polyvinyl prolidone) OR polyethylenimine OR polyester OR polyamide OR acid) OR protein acid) OR protein	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/06 07:29
S12	143219	("(meth) acrylamide" OR acrylamide OR N-vinyl WITH pyrrolidone OR hydroxy WITH ethyl WITH acrylate OR "(meth) acrylic" ADJ acid OR maleic ADJ acid OR dialoxide OR vinyl WITH sulfonic ADJ acid OR vinyl WITH sulfonic ADJ acid OR vinyl WITH sulfonic ADJ acid OR dilyl WITH sulfonic ADJ acid OR dilyl WITH sulfonic ADJ acid OR dilyl WITH sulfonic ADJ acid OR dialkyl WITH sulfonic ADJ acid OR dialkyl WITH without ADJ acid OR dialkyl WITH aminon WITH alkyl WITH ("meth)" \$1 acrylate OR acrylate) OR quaternary WITH ammonium OR dialkyl WITH ("meth)" \$1 acrylamide OR acrylamide OR quaternary WITH ammonium WITH alkyl WITH ammonium WITH alkyl WITH ammonium WITH halide OR styrene OR alkyl WITH ("(meth)" \$1 acrylamide) OR alkyl WITH ("(meth)" \$1 acrylamide) OR alkyl WITH ("(meth)" \$1 acrylamide) SAME monomer	US-PGPUB; USPAT; FPPIS; EPO; JPO	OR	ON	2008/02/06 07:42
S13	5	(S7 SAME S8 SAME S9) AND S10 AND S11 AND S12	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/06 07:43
S14	41	(S7 SAME S8 SAME S9)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/06 07:46
S15	14	(S7 SAME S8 SAME S9) AND S7. AB.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/06 07:47
S16	141	(S7 SAME S9) AND S7.AB. AND S8	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/06 07:54
S17	78	(S7 SAME S9) AND S7.AB. AND S8 AND S10 AND S11 AND S12	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/06 07:54
S20	78	(S7 SAME S9) AND S7.AB. AND S8 AND S10 AND S11 AND S12 AND (methanol OR toluene OR cyclohexane OR acetonitrile OR dimethylformamide OR water)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/06 08:22

S21	0	(S7 SAME S9) AND (S7 AND S8). AB. AND S8 AND S10 AND S11 AND S12 AND (methanol OR toluene OR cyclohexane OR acetonitrile OR dimethylformamide OR water)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/06 08:26
S22	202	((filler ADJ dispersion) OR (microparticulate ADJ retention ADJ aid ADJ dispersion) OR (drilling ADJ mud) OR (pigment ADJ disperion)) AND (graft WITH (polymer OR co\$1polymer))	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/06 09:04
S23	14	((filler ADJ dispersion) OR (microparticulate ADJ retention ADJ aid ADJ dispersion) OR (drilling ADJ mud) OR (pigment ADJ disperion)). AB. AND (graft WITH (polymer OR co \$1polymer))	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/06 09:06
S24	17	(US-20060128824-\$ or US- 20080014530-\$ or US- 200702426249-\$ or US- 20070212883-\$ or US- 20050234166-\$ or US- 20050234166-\$ or US- 4839400-\$ or US-3977954-\$ or US-6444722-\$ or US-5817707-\$ or US-5019603-\$ or US-4794130-\$ or US-6384100-\$ or US-4836940-\$ or US-48460292-\$ or US-4836940-\$ or US-4460292-\$ or US-4384096-\$).	US-PGPUB; USPAT	OR	ON	2008/02/06 09:25
S25	8	S24 AND S11 AND S12 AND (methanol OR toluene OR cyclohexane OR acetonitrile OR dimethylformamide OR water) AND ((benzophenone OR (diaryl WITH ketone) OR xanthone OR arthroaufione OR anthraquinone OR diketone OR 2-\$1ketocournarin OR imide))	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/06 09:28
S26	355	(emulsion WITH paint) AND (graft WITH (polymer OR co \$1polymer))	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/06 10:15
S27	24	(emulsion WITH paint).AB. AND (graft WITH (polymer OR co \$1polymer))	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/06 10:15
S28	11231	(emulsion OR dipersion) SAME (discontinuous (water OR aqueous)) AND (graft WITH (polymer OR co\$1polymer))	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/06 10:35
S29	907	(emulsion OR dipersion).AB. SAME (discontinuous (water OR aqueous)) AND (graft WITH (polymer OR co\$1polymer))	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/06 10:36

S30	167	(emulsion OR dipersion).AB. SAME (discontinuous (water OR aqueous)) AND ((graft WITH (polymer OR co\$1polymer))) SAME (surfactant OR emulsifier)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/06 10:37
S31	8	(emulsion OR dipersion).AB. SAME (discontinuous WITH (water OR aqueous)) AND ((graft WITH (polymer OR co \$1polymer))) SAME (surfactant OR emulsifier)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/06 10:37
S33	1	("5942570").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2008/02/06 11:35
S34	1	S33 AND (paint WITH emulsion)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/06 11:36
S35	1	("4357184").FN.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2008/02/06 11:40
S36	1	S35 AND surfactant	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/06 11:40
S37	1	("4836940").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2008/02/06 11:59
S38	20	((filler ADJ dispersion) OR (microparticulate ADJ retention ADJ aid ADJ dispersion) OR (drilling ADJ mud) OR (pigment ADJ dispersion)) AND (graft WITH (polymer OR co Si polymer)) SAME (surfactant OR emulsifier))	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/06 15:01
S39	88	((filler WITH dispersion) OR (microparticulate WITH retention WITH aid WITH dispersion) OR (drilling ADJ mud) OR (pigment WITH dispersion)) AND ((graft WITH (polymer OR to \$ polymer) SAME (surfactant OR emulsifier))	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/06 15:03
S40	22	((filler WITH dispersion) OR (microparticulate WITH retention WITH dispersion) OR (drilling ADJ mud) OR (pigment WITH dispersion) AND ((graft WITH (polymer OR co \$1 polymer)) SAME (surfactant OR emulsifier)) AND (graft WITH (polymer OR co \$10) Graft WITH (polymer OR co \$10) AND (graft WITH (polymer OR co \$10)). AB.	US-PCPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/06 15:05
S41	5	(emulsion ADJ paint).AB. AND (graft WITH (polymer OR co \$1polymer))	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/06 15:30

S42	27	(aqueous WITH emulsion ADJ paint) AND (graft WITH (polymer OR co\$1polymer))	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/06 15:38
S43	2	("3090664").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2008/02/06 16:37
S44	4	(polyhexamethylene\$1adipamide OR polycaproamide) SAME (hydrophobic OR hydrophilic)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/07 09:36
S45	3142	(poly\$1acrylate) SAME (hydrophobic OR hydrophilic)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/07 09:50
S46	1677	(poly\$1acrylate) WITH (hydrophobic OR hydrophilic)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/07 09:50
S47	515	(poly\$1acrylate) WITH (hydrophobic)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/07 09:51
S48	1	("4846995").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2008/02/07 11:01
S49	11929	surfactant AND (graft WITH polymer)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/07 11:30
S50	969	surfactant SAME(graft WITH polymer)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/07 11:30
S51	1474	surfactant SAME(graft WITH (co \$1polymer OR polymer))	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/07 11:31
S52	728	surfactant SAME(graft WITH (co \$1polymer OR polymer)) AND (water\$1soluble OR (water WITH soluble))	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/07 11:32
S53	198	surfactant SAME(graft WITH (co \$1polymer OR polymer)) AND (water\$1soluble OR (water WITH soluble)) AND (oil\$1soluble OR (oil WITH soluble))	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/07 11:33
S54	169	surfactant SAME(graft WITH (co \$1polymer OR polymer)) AND (water\$1soluble OR (water WITH soluble)) AND (oil\$1soluble OR (oil WITH soluble)) AND (molecular WITH weight)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2008/02/07 11:33
S55	1883	(526/279).OOLS.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2008/02/11 09:59
S56	258	(522/6).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2008/02/11 09:59
S57	1265	(424/70.12).OCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2008/02/11 10:00

S58	7264	(424/401).OOLS.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2008/02/11 10:00
S59	1727	(524/504).OCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2008/02/11 10:01
S60	41	(8/115.53).OOLS.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2008/02/11 10:02

2/11/2008 10:07:29 AM

C:\ Documents and Settings\ jtreidl\ My Documents\ EAST\ Workspaces\ 10559892.wsp